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CENTRAL INTELLIGENCE AGENCY 25X1 REPORT

INFORMATION REPORT

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SUBJECT Production at Bunawerke, Schkopau

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Planned and actual production at the Bunawerke, Schkopau, in September 1950

Commodity Department "A"	Output (tons) Planned	Actual	Consumption of raw materials
Carbide	?	35,093	Lime - 1,081 kg per ton Coke - 1,600 kg per ton
Acetylene	10,045	10,411	Carbide per ton Acetylene (planned) 3,182 kg (actual) 3,176 Impurities (planned) 160 mg per m^3 (actual) 64 " " "
Sintered lime	3,600	5,286	
Aldehyde	12,450	12,605	Acetylene: 624.7 (?kg) per ton Sulphuric acid: 0.0 kg/ton Nitric acid: 1.62 kg/ton Iron vitriol: 1.05 kg/ton Soda lye: 2.4 kg/ton
Acetone	250	250	Acetic acid (100%): 2240 kg/ton
Acetic acid (technical)	1,780	1,773.4	
Acetic acid (chemically pure)	470	471.2	
Soda lye	4,050	4,108	Rock salt: (planned) 1,632 (actual) 1,563 Quality: 49.60 % conc. NaOH

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Commodity Department "A"	Output (tons) Planned	 Actual	Consumption of raw materials
Hydrochloric acid	1,170	1,448	Sulphurtrioxide (planned) 27 kg/ton (actual) 23 kg/ton
Aluminum chloride:			
a. (containing iron)	56	58.8	a. Coke 256 kg/ton Oxygen 197 cu. meters/ton
b. (free of iron)	40	40.1	46000 kg Bauxite (40% Al_2O_3) 5,900 kg metal filings (15% Al_2O_3) 10258 kg clay (50% Al_2O_3) b. 1,385 kg of ferrous aluminum chloride Quality: 0.12% iron
New-contact Factory			
Contact 1059	?	40,813	Nickel: 84.8 kg/ton Copper: 21.3 kg/ton Chromic acid 15.8 kg/ton Nitric acid: 419 kg/ton Kaolin: 1650 kg/ton
"Sublimatkontakt"	?	8,796	
Ferro-sulphate	?	65	
Department "K"			
Aldol	6,190	6,480	
Paraldehyde (100%)	1,200	1,206.4	
(distilled)	1,255	1,169.8	
Aldol-hydrogenation:			
Crude butol	5,610	5,841	
Spirit (total.)	2,575	2,641.2	
Distilled butanol	730	734.4	
Butol distillation:			
Pure butol	5,450	5,744.7	
Butanol	730	734.4	
Paraldehyde	1,225	1,280	
Butadiene	2,595	2,675	Butol: 2,123 tons per ton Purity: 99.66%
Styrol	905	931	Ethylene benzol per ton: 1122 kg Ethylene: 313 kg per ton Pure benzol: 853 (?kg)/ton Aluminum chloride: 22.5 kg/ton Purity: 100% Boiling-point of pure benzol: 0.26 Boiling-point of ethylene benzol: 0.24
Methylacetate	225	250	Acetic acid: 0.750 Methanol: 0.600
Butylacetate	400	465	Acetic acid 0.49 Butanol: 0.784

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Commodity Department "K"	Output (tons) Planned	 Actual	Consumption of raw materials
Hydrogenated ethylene	1,350	1,378.5	C_2H_2: 1185 kg/ton Contact: 2 kg/ton
Butadiene contact	2,595	2,675	
Ethylene-acetate	530	534.4	Acetaldehyde: 1075 kg/ton Spirit: 31.1 kg/ton Aluminum shavings: 5.8 kg/ton Quality: 98.1%
Department "P"			
Buna S-3 (Satex)	3,000	3,098	}
Buna SS-3 (Satex)	30	25	}
Perbunan	60	65	} Buna-S fabrication
Special (50%) Igetex	30	1	}
Low-temperature rubber	-	6	}
Buna-S-3	3,000	3,108	}
Buna SS-3	[illegible]	25.1	}
Perbunan	[illegible]	39.9	}
Igelite foil	[illegible]	34	}
Polystrol	[illegible]	12	}
Buna 85 and 32	260	278.57	
P.C.U.	1,730	1,455	
Polystrol EF	40	42.615	
SS oil	390	400	
Department "Z"			
Phtalic acid	530	512.2	Naphthalene: 1020 (kg/ton) Quality: 99.82%
Formaldehyde	1,400	1,493	Quality: Formaldehyde contact 30% Methanol contact 2.1%
Palatinol	258	268.8	
Emulsifier 1000	?	100	
Ethylene-cyankydrene	?	58.2	
"Phtalogil" B.U.	?	18.2	

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Commodity Department "Z"	Output (tons) Planned	 Actual	Consumption of raw materials
"Rubresin"	?	10	
Diproxide	?	6.3	
Vinyl chloride	1,670	2,051	Acetylene: 430.1 (?kg per ton)
Tetrachloroethylene	?	61	
Trichloroethylene	640	652	
Ethylene oxide	380	393.3	Ethylene: 846 kg/ton Purity: 99.3%
Glycol	350	351.5	Ethylene oxide: 875 kg/ton

Field Comment: Bunawerke, Schkopau is receiving very pure aluminum from unnamed sources in Western Germany. It is rolled very thin for lining acid containers which are used in production and shipping.

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